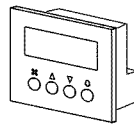# DIGITAL NAME SCROLLING APARTMENT INTERCOM SYSTEM
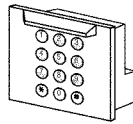
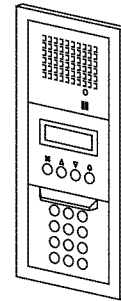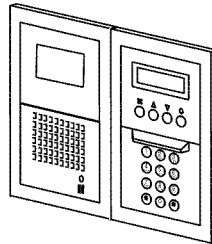## GF-NS
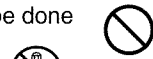
OPERATION MANUAL

GF-NS   GF-10K

PRECAUTIONS

⚠ **WARNING** *(Negligence could result in death or serious injury to people.)*

1. This device is electrical. Wiring must be done by qualified personnel.
2. Do not modify or alter the equipment.
3. Do not open GF-NS/GF-10K case.

⚠ **CAUTION** *(Negligence could result in injury to people or damage to property.)*

1. GF-NS/GF-10K are weather resistant. However, do not spray high pressure water directly onto it by hose, etc.

GENERAL PRECAUTIONS

1. GF system is not operable during a power failure.
2. In areas where broadcasting station antennas are close by, intercom system may be affected by radio frequency interference.
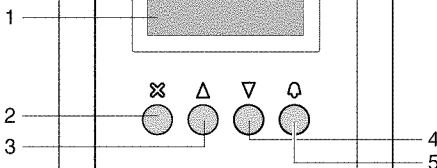
🚫 General Prohibitions

🚫 Prohibitions to subject the unit to water

🚫 Prohibitions to dismantle the unit

1 NAMES & FUNCTIONS

GF-NS

1
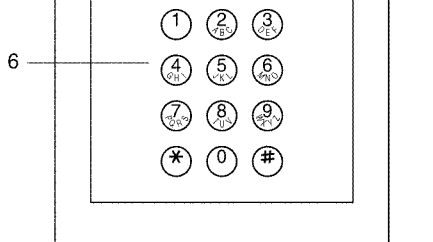
2
3

4
5

GF-10K

6

GF-NS, Name scroll module

1. LCD display
2. ✗ **CANCEL** (or decide & back)
3. △ **SCROLL backward** or move cursor to left
4. ▽ **SCROLL forward** or move cursor to right
5. ♤ **CALL** (or decide & next)

GF-10K, Digital keypad module

6. Digital keypad (1 ~ 0, ✱ #)
   When entering letters; A ~ Z, 0 = [,] [-] [.] [/] [ ]
   Functions: • Dialing Room #
   • Door release by entering Access code
   • Name search with ✱key and calling

2 PROGRAMMING

Programming by PC

GF-NS   Cable (supplied)   PC
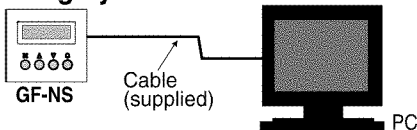
• It is possible to write or change resident names from your PC, making data input.
• Download Programming & Alteration Method from Aiphone's Web Site: **http://www.aiphone.com/**
• Connect your PC with GF-NS in conjunction with the connecting cable supplied with GF-NS.

Programming by GF-NS & GF-10K

• On LCD display, see a message **"WELCOME"** to confirm system is in standby.

• Prior to programming, it is suggested to have your own ID code newly registered, so that any other person cannot get into the system.
→ *Go to P.2*

• Firstly, enter program mode.

• In case your programmed ID code is forgotten,
→ *Go to P.4*

Enter Program Mode

LCD | YOUR OPERATION

WELCOME

→ (#) (*) (1)(1)(1)(1)

INITIAL ID CODE

RE-ENTER ID CODE

→ (*) (1)(1)(1)(1)

INITIAL ID CODE

※ ID CODE = (⊕) 4 digit

Select Menu & Quit

LCD | YOUR OPERATION

SELECT LANGUAGE

→ (△) (▽)

BACKWARD FORWARD

Scroll

MENU

1 SELECT LANGUAGE →
2 CHANGE ID CODE →
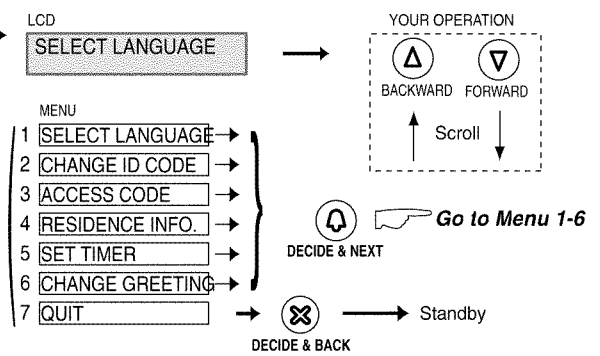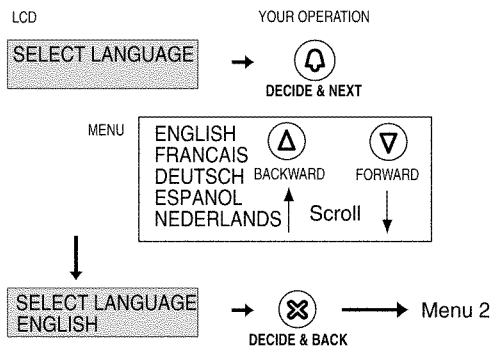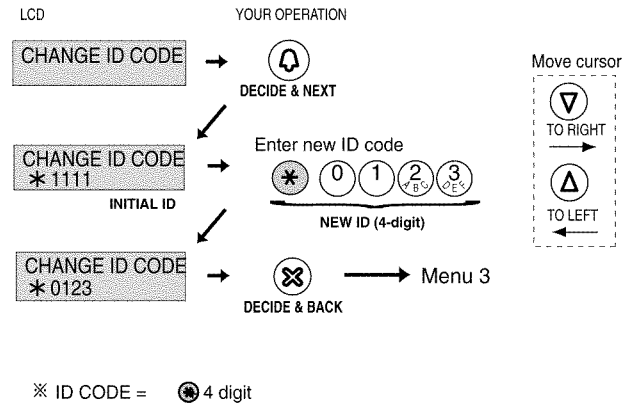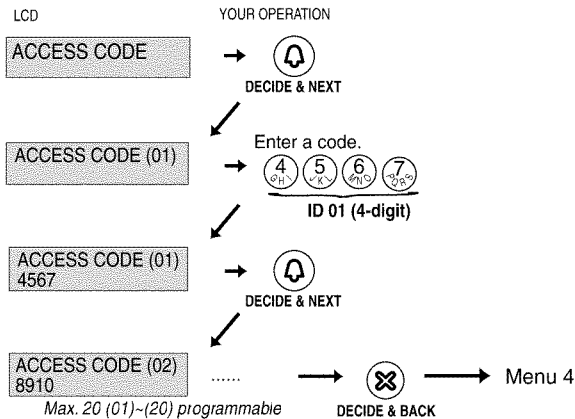3 ACCESS CODE →
4 RESIDENCE INFO. →
5 SET TIMER →
6 CHANGE GREETING →
7 QUIT →

(Q) ☞ **Go to Menu 1-6**

DECIDE & NEXT

(✖) → Standby

DECIDE & BACK

Menu 1: Select language

LCD | YOUR OPERATION

SELECT LANGUAGE

→ (Q)

DECIDE & NEXT

MENU

ENGLISH (△) (▽)
FRANCAIS
DEUTSCH BACKWARD FORWARD
ESPANOL
NEDERLANDS | Scroll ↓

SELECT LANGUAGE
ENGLISH

→ (✖) → Menu 2

DECIDE & BACK

Menu 2: Change ID code

LCD | YOUR OPERATION

CHANGE ID CODE

→ (Q)

DECIDE & NEXT

Move cursor

(▽) TO RIGHT
(△) TO LEFT

CHANGE ID CODE
*1111

INITIAL ID

→ Enter new ID code

(*) (0)(1)(2)(3)

NEW ID (4-digit)

CHANGE ID CODE
*0123

→ (✖) → Menu 3

DECIDE & BACK

※ ID CODE = (⊕) 4 digit

Menu 3: Program Access Code

LCD | YOUR OPERATION

ACCESS CODE

→ (Q)

DECIDE & NEXT

ACCESS CODE (01)

→ Enter a code.

(4)(5)(6)(7)

ID 01 (4-digit)

ACCESS CODE (01)
4567

→ (Q)

DECIDE & NEXT

ACCESS CODE (02)
8910

...... → (✖) → Menu 4

Max. 20 (01)~(20) programmable DECIDE & BACK

Menu 4: Write Residence Info.

LCD | YOUR OPERATION

RESIDENCE INFO.

→ (Q)

DECIDE & NEXT

Move cursor

(▽) TO RIGHT
(△) TO LEFT

ROOM #

→ Enter ROOM #

(1)(0)(1) → (Q)

3-or 4-digit DECIDE & NEXT

101

→ Enter a name 'SMITH' (example)

(7)(7)(7)(7)(▽)(6)(▽)

S   M ....

101
SMITH

→ (Q) → (✖) → Menu 5

DECIDE & NEXT DECIDE & BACK
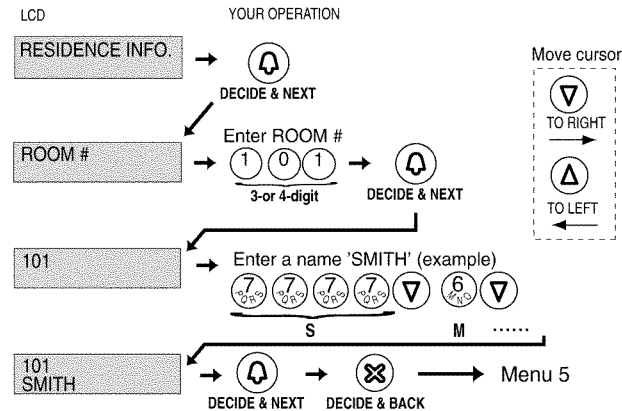
Menu 5: Set input timeout timer

LCD | YOUR OPERATION

SET TIMER

→ (Q)

DECIDE & NEXT

OPERATION TIMER
15

→ (3)(0) → (Q)

2-digit (15-99) DECIDE & NEXT

PROGRAM TIMER
60

→ (9)(0)

2-digit (30-99)

(✖) → Menu 6

DECIDE & BACK

Menu 6: Change Greeting

LCD | YOUR OPERATION

CHANGE GREETING

→ (Q)

DECIDE & NEXT

Move cursor

(▽) TO RIGHT
(△) TO LEFT

CHANGE GREETING

→ Enter " WELCOME TO..." (example)

(9)(▽)(3)(3)(▽)

W   E ....

CHANGE GREETING
WELCOME TO ...

→ (✖)

DECIDE & BACK

QUIT

→ (✖) → Standby

DECIDE & BACK
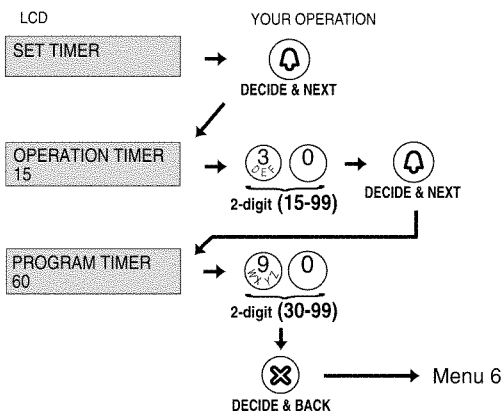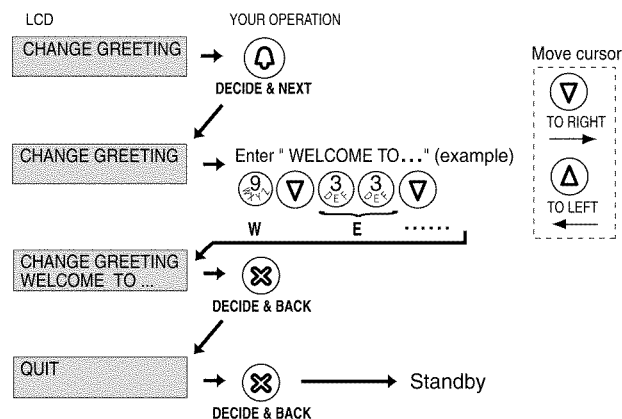
3 SETTING

Setting Up GF System

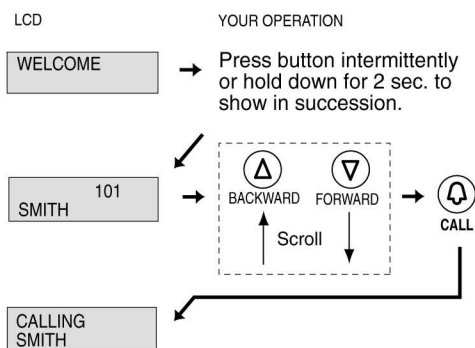GF system must be programmed as follows;

Steps

1. To enter program mode, press PROGRAM switch on Audio Module (GF-DA/A).
2. Lift handset at a new Station to set up. Talk channel is established instantly.
3. Select a new resident name and press a CALL button at the entrance.
4. Repeat process Steps 2 ~ 3 for next residence.
5. To finish, press PROGRAM switch on Audio Module (GF-DA/A).

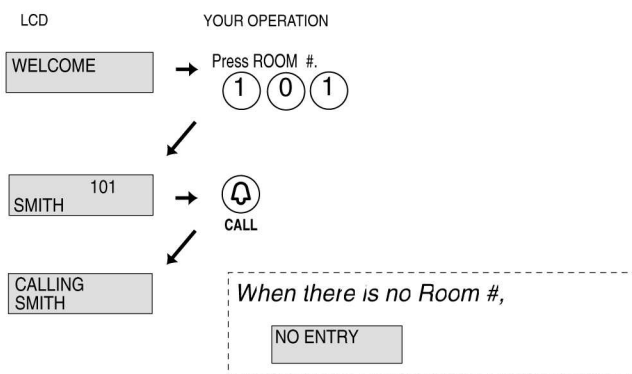> For details, please refer to the Manual packed with GF-BC.
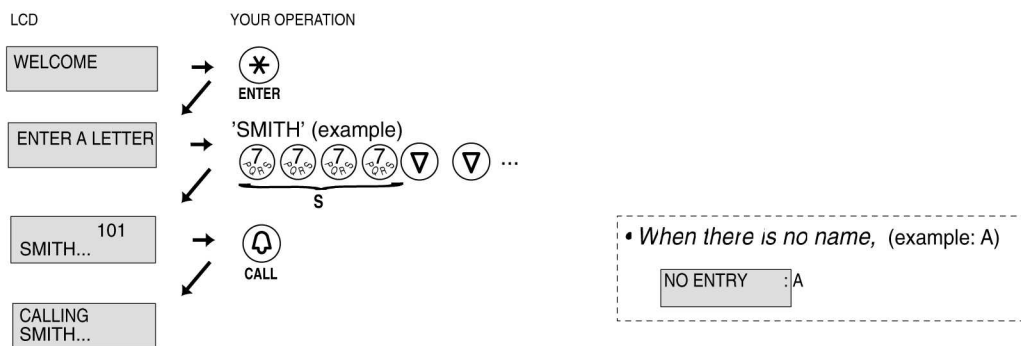
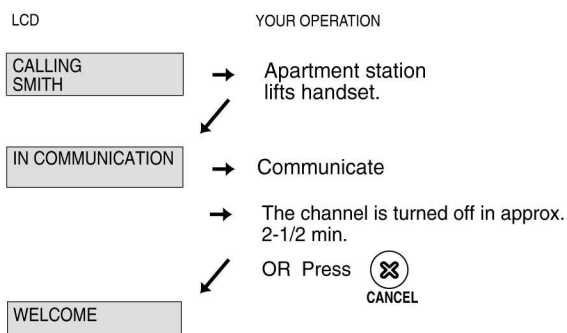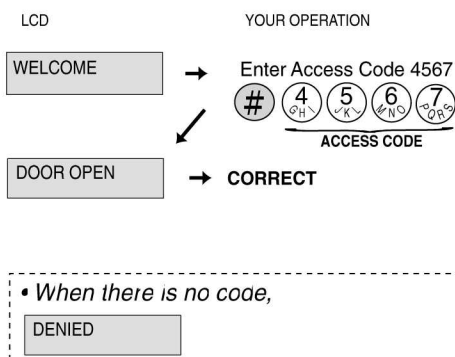# 4 OPERATIONS

1. Calling

(1) By scrolling names

LCD | YOUR OPERATION

WELCOME → Press button intermittently or hold down for 2 sec. to show in succession.

SMITH 101 → △ BACKWARD ▽ FORWARD → CALL

Scroll

CALLING SMITH

(2) By dialing Room

LCD | YOUR OPERATION

WELCOME → Press ROOM #. 1 0 1

SMITH 101 → CALL

CALLING SMITH

When there is no Room #,

NO ENTRY

(3) By selecting name entering alphabets

LCD | YOUR OPERATION

WELCOME → ✳ ENTER

ENTER A LETTER → 'SMITH' (example) 7 7 7 7 ▽ ▽ ... | S

SMITH... 101 → CALL

CALLING SMITH...

• When there is no name, (example: A)

NO ENTRY : A

2. Communication (common operation)

LCD | YOUR OPERATION

CALLING SMITH → Apartment station lifts handset.

IN COMMUNICATION → Communicate

→ The channel is turned off in approx. 2-1/2 min.

OR Press ✖ CANCEL

WELCOME

3. Activating Door Release

LCD | YOUR OPERATION

WELCOME → Enter Access Code 4567 # 4 5 6 7 ACCESS CODE

DOOR OPEN → CORRECT

• When there is no code,

DENIED

5 TECHNICAL PRECAUTIONS

(1)

The GF-NS, if programmed by PC, can place a call without using GF-10K. But it can not operate door opening by Access code.

(3)

- **Ambient temperature:**

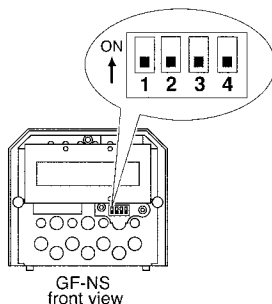 −10°C ~ +60°C (14°F ~ 140°F)

- **Asking for repairs:**

  In case the equipment does not operate properly, ask qualified technician to correct it.

- **Cleaning:**

  Clean the equipment with a soft cloth dampened with household neutral cleanser. Never use any abrasive cleaner or cloth.

(2)

GF-NS
front view

• When you forgot your ID code	• To have Room # not displayed when a call has been placed
ON ↑↓ ■ **1**	ON ↑ ■ **2**
Turn the switch on for approx. 2 sec. ↓ The ID code returns to initial ✱1111.	Put the switch 2 to ON position.

6 SPECIFICATIONS (GF-NS/GF-10K)

- Power source: DC24V, supplied by a power supply as specified
- Current consumption: 0.07A
- LCD display: Max.16 letters for names
  Max.160 letters for greeting, displayed by scrolling